ZINC STATISTICS

By Carl A. DiFrancesco and Jozef Plachy

[All values in metric tons (t) unless otherwise noted]

Last modification: February 3, 2004

Production P		Primary	Secondary				Apparent	Unit value	Unit value	World
1902 142,000 0 3,000 129,000 90 1,800 510,000 100 144,000 119 2,200 574,000 1903 144,000 183 1,000 144,000 119 2,200 574,000 1904 169,000 309 9,000 164,000 112 2,000 629,000 1905 185,000 388 5,000 182,000 138,000 130 2,400 660,000 1906 204,000 926 4,000 200,000 135 2,500 704,000 1906 204,000 926 4,000 200,000 135 2,500 704,000 1906 204,000 6,400 1,500 500,000 128 2,200 738,000 1908 191,000 6,500 704 1,000 194,000 101 1,800 723,000 1909 232,000 8,410 8,550 300 226,000 129 2,200 738,000 1910 2244,000 1,600 8,550 300 2246,000 119 2,200 775,000 1911 2,000 12,700 293 1,000 254,000 126 2,200 895,000 1912 307,000 235,000 12,700 293 1,000 254,000 126 2,200 895,000 1913 314,000 236,000 4,690 1,000 268,000 123 2,300 91,000 1914 303,000 236,000 137 70,000 272,000 120 12,100 1914 303,000 246,000 120 2,200 895,000 1914 4,000 268,000 123 2,300 91,000 1914 4,000 268,000 123 2,300 91,000 1914 4,000 268,000 123 2,300 91,000 1914 4,000 268,000 123 2,300 91,000 1914 4,000 268,000 123 2,300 91,000 1914 4,000 268,000 124 1,400 27,000 57,000 10,000 4,170,000 300 4,480 83,000 1917 60,000 26,000 120 120,000 13,000 37,000 334,000 313 5,050 760,000 1918 470,000 26,000 120 10,000 37,000 334,000 176 1,900 747,000 190,000 177 1,400 565,000 1918 470,000 19,000 10,000 10,000 44,000 13,000 144,140 1,410 1	Year	production	production	Imports	Exports	Stocks	consumption	(\$/t)	(98\$/t)	production
1902 142,000 400 3,000 139,000 106 2,000 547,000 1903 144,000 183 1,000 164,000 119 2,200 575,000 1904 169,000 3309 9,000 164,000 112 2,000 629,000 1906 204,000 9,264 4,000 200,000 138 2,500 704,000 1907 227,000 6,400 1,550 500 206,000 128 2,200 738,000 1907 227,000 6,400 1,550 500 206,000 128 2,200 738,000 1909 232,000 8,410 8,550 300 246,000 119 2,200 755,000 1910 244,000 11,600 8,877 3,000 223,000 119 2,200 755,000 1911 260,000 12,700 293 10,000 254,000 126 2,200 895,000 1912 307,000 23,600 9,720 7,000 309,000 152 2,600 97,000 1914 320,000 18,700 177 70,000 272,000 112 1,830 759,000 1914 320,000 18,700 177 70,000 272,000 112 1,830 759,000 1915 444,000 27,000 25,100 19,100 13,000 331	1900	112,000		0	20,000		90,200	97	1,900	479,000
1903	1901	128,000		0	3,000		129,000	90	1,800	510,000
1995 185,000 309 9,000 164,000 112 2,000 629,000 1905 185,000 388 5,000 182,000 130 2,400 660,000 1906 204,000 9,26 4,000 200,000 128 2,200 738,000 1907 227,000 6,400 1,550 500 206,000 128 2,200 738,000 1908 191,000 6,500 704 1,000 194,000 101 1800 723,000 1909 232,000 8,410 8,550 300 246,000 119 2,200 775,000 1910 244,000 11,600 897 3,000 223,000 119 2,200 775,000 1911 200,000 12,700 293 10,000 234,000 126 2,200 85,000 1912 307,000 23,600 9,720 7,000 309,000 152 2,600 971,000 1913 314,000 23,600 4,690 10,000 288,000 123 2,030 915,000 1914 330,000 18,700 177 70,000 272,000 112 1,830 795,000 1914 444,000 27,000 57 100,000 331,000 313 5,050 760,000 1916 606,000 26,100 19 100,000 16,000 417,000 304,480 882,000 1917 607,000 15,300 16 200,000 49,000 375,000 172 2,500 991,000 1918 470,000 15,300 16 200,000 330,000 293,000 172 1,450 882,000 1918 470,000 19,400 0 100,000 330,000 293,000 172 1,450 898,000 1919 423,000 17,900 29 100,000 333,000 294,000 154 1,450 898,000 1912 420,000 19,400 0 100,000 64,000 293,000 172 1,400 655,000 1912 430,000 13,000 25,000 90,000 172 1,400 655,000 1923 409,000 37,000 38,000 172 1,400 655,000 1923 409,000 37,000 38,000 172 1,400 655,000 1923 409,000 37,000 38,000 172 1,400 655,000 1925 57,000 38,000 144 41,100 38,000 144 41,100 38,000 144 41,100 38,000 144 41,100 38,000 144 41,100 38,000 144 41,100 38,000 144 41,100 38,000 144 41,100 38,000 144 41,100 38,000 144 41,100 38,000 144 41,100 38,000 144 41,100 38,000 144 41,100 38,000 144 41,100 38,000 144 41,100 38,000 38,000 38,000 38,000 38,000 38,000 38,000	1902	142,000		406	3,000		139,000	106	2,000	547,000
1905	1903	144,000		183	1,000		140,000	119	2,200	574,000
1906 204,000 9.26 4.000 200,000 135 2.500 704,000 1907 227,000 6.400 1.550 500 206,000 128 2.200 738,000 1909 232,000 8.410 8.550 300 246,000 119 2.200 775,000 1910 244,000 111,000 897 3.000 223,000 119 2.200 775,000 1911 260,000 112,700 293 10,000 223,000 126 2.200 895,000 1911 230,000 233,000 243,000 126 2.200 895,000 1913 314,000 23,600 9.720 7.000 309,000 152 2.600 971,000 1913 314,000 23,600 4.690 10,000 268,000 123 2.030 915,000 1914 320,000 18,700 177 70,000 272,000 112 1.830 795,000 1915 606,000 26,100 19 100,000 16,000 417,000 300 4.480 882,000 1918 470,000 9,000 10 100,000 37,000 333,000 313 5.050 760,000 1918 470,000 9,000 10 100,000 37,000 333,000 176 2.500 971,000 1919 423,000 17,900 29 100,000 33,000 293,000 154 1.450 598,000 1920 420,000 19,400 0 100,000 64,000 293,000 154 1.450 598,000 1921 182,000 15,900 5,990 4.000 64,000 185,000 104 945 428,000 1922 321,000 229,900 36 30,000 15,000 338,000 126 1.220 647,000 1923 469,000 35,500 10 70,000 15,000 454,000 139 1,320 91,000 1925 53,000 35,500 10 70,000 19,000 405,000 138 1,410 858,000 1925 530,000 35,500 0 70,000 10,000 44,000 568,000 138 1,410 858,000 1926 561,000 37,000 33,000 240,000 139 1,320 91,000 1926 561,000 37,000 37,000 33,000 30,000 163 1,500 1,100,000 1926 561,000 37,000 37,000 38,000 163 1,500 1,100,000 1926 561,000 37,000 38,0	1904	169,000		309	9,000		164,000	112	2,000	629,000
1907 227,000 6,400 1,550 500 206,000 128 2,200 738,000 1908 191,000 6,500 704 1,000 194,000 1194,000 119 1,200 723,000 1910 2240,000 119 2,200 775,000 1910 2240,000 11,600 897 3,000 223,000 126,000 126 2,200 895,000 1911 2,000 234,000 22,300 192 2,100 810,000 1912 307,000 23,600 9,720 7,000 309,000 152 2,600 971,000 1913 314,000 23,600 4,600 10,000 268,000 123 2,030 915,000 1914 320,000 18,700 177 70,000 268,000 123 2,030 915,000 1915 444,000 27,000 57 100,000 13,000 331,000 331,000 331 5,050 760,000 1915 444,000 27,000 57 100,000 13,000 3375,000 196 2,500 901,000 1918 470,000 9,000 10 100,000 375,000 334,000 176 1,900 747,000 1918 470,000 9,000 10 100,000 337,000 334,000 176 1,900 747,000 1920 420,000 19,400 0 100,000 330,000 294,000 154 1,450 598,000 1921 182,000 15,500 5,990 4,000 64,000 283,000 172 1,400 655,000 1922 321,000 299,000 35,800 1 30,000 338,000 126 1,220 647,000 1923 463,000 35,800 1 30,000 35,800 136 30,000 15,000 338,000 126 1,220 647,000 1924 469,000 35,200 10 70,000 15,000 448,000 148 1,410 858,000 1924 469,000 35,800 1 30,000 255,000 468,000 148 1,410 858,000 1924 469,000 35,800 35,800 1 30,000 25,000 468,000 148 1,410 858,000 1924 469,000 35,800 35,800 3 5,800 3 5,800 3 6,000 38,800 3 6,000 3 6,000 3 8,800 3 6,000 3 8,800 3 6,000 3 8,80	1905	185,000		388	5,000		182,000	130	2,400	660,000
1908 191,000 6.500 704 1.000 194,000 101 1.800 723,000 1909 232,000 8.410 8.550 300 246,000 119 2.200 775,000 1911 260,000 11,600 897 3.000 223,000 126 2.200 810,000 1911 260,000 12,700 293 10,000 254,000 126 2.200 895,000 1912 307,000 23,600 9,720 7.000 309,000 152 2.200 971,000 1913 314,000 23,600 4,690 10,000 268,000 123 2.030 915,000 1914 320,000 18,700 177 70,000 272,000 112 1.830 795,000 1914 320,000 18,700 177 70,000 313,000 313 5.950 766,000 1916 606,000 26,100 19 100,000 16,000 417,000 300 44,80 882,000 1917 607,000 5,300 16 200,000 49,000 375,000 176 2.500 91,000 1919 423,000 17,900 29 100,000 330,000 273,000 174 1,400 598,000 1911 182,000 15,900 5,990 4,000 64,000 293,000 174 1,400 588,000 1922 321,000 29,900 36 30,000 18,000 383,000 176 1,200 64,000 293,1000 184 1,450 598,000 1923 446,000 37,000 332,000 322,000 173 1,400 65,000 185,000 184 1,450 598,000 1924 469,000 37,000 37,000 338,000 126 1,220 647,000 1923 446,000 35,000 35,000 184 1,410 858,000 1923 446,000 35,000 37,000 37,000 388,000 32,200 10 70,000 19,000 407,000 139 1,320 910,000 1923 436,000 37,000 37,000 37,000 37,000 37,000 37,000 388,000 32,200 10 70,000 19,000 407,000 139 1,320 910,000 1925 520,000 37,000 37,000 37,000 37,000 37,000 388,000 388,000 388,000 35 40,000 405,000 485,000 183 1,200 1,100,000 1928 547,000 44,100 505,000 468,000 388,000 37,000 38,000 38,000 38,000 38,000 38,000	1906	204,000		926	4,000		200,000	135	2,500	704,000
1919 232,000 8,410 8,550 3,000 246,000 119 2,200 775,000	1907	227,000	6,400	1,550	500		206,000	128	2,200	738,000
1910 244,000 11,600 897 3,000 223,000 119 2,100 810,000 1911 260,000 12,700 293 10,000 254,000 126 2,200 895,000 1913 307,000 23,600 9,720 7,000 309,000 152 2,600 971,000 1913 314,000 23,600 4,690 10,000 268,000 123 2,030 915,000 1914 320,000 18,700 177 70,000 272,000 112 1,830 795,000 1915 444,000 27,000 57 100,000 13,000 331,000 313 5,050 760,000 1916 606,000 26,100 19 100,000 16,000 417,000 300 4,480 882,000 1917 607,000 15,300 16 200,000 49,000 375,000 196 2,500 991,000 1918 470,000 9,000 10 100,000 37,000 334,000 176 1,900 747,000 1919 423,000 17,900 29 100,000 33,000 294,000 154 1,450 598,000 1921 182,000 15,400 0 100,000 64,000 293,000 174 1,400 655,000 1921 182,000 35,800 1 30,000 64,000 293,000 126 1,220 647,000 1922 321,000 29,900 36 30,000 15,000 338,000 126 1,220 647,000 1923 463,000 33,500 1 30,000 25,000 407,000 139 1,320 910,000 1925 520,000 37,000 37,000 338,000 126 1,220 647,000 1925 520,000 37,000 37,000 37,000 388,00 35,500 0 70,000 19,000 407,000 139 1,320 910,000 1927 538,000 37,000 0 40,000 24,000 505,000 163 1,500 1,110,000 1928 547,000 43,000 265 10,000 40,000 368,000 388 1,270 1,270,000 1928 547,000 43,000 265 10,000 40,000 360,000 38 1,270 1,270,000 1933 265,000 37,600 27,000 1,270 1,000 10,000 38,000 10 19,000 40,000 13,000 38,000 31,600 255 4,000 50,000 38,000 89 1,120 892,000 1934 330,000 17,900 1,570 5,000 120,000 38,000 144 1,630 1,470,000 1935 382,000 27,300 1,720 1,000 10,000 382,000 144 1,630 1,470,000 1935 382,000 27,300 1,570 5,000 20,000 382,000 144 1,630 1,470,000 1944 446,000 446,000 446,000 440,000	1908	191,000	6,500	704	1,000		194,000	101	1,800	723,000
1911 260,000 12,700 293 10,000 254,000 126 2,200 895,000 1912 307,000 23,600 9,720 7,000 309,000 152 2,600 971,000 1914 314,000 23,600 4,690 10,000 268,000 123 2,030 971,000 1914 320,000 18,700 177 70,000 272,000 112 1,830 795,000 1915 444,000 27,000 57 100,000 13,000 313,000 313 5,050 760,000 1916 606,000 26,100 19 100,000 16,000 417,000 300 4,480 882,000 1917 607,000 15,300 16 200,000 49,000 375,000 196 2,500 901,000 1918 470,000 17,900 29 100,000 33,000 294,000 154 1,450 588,000 1920 423,000 17,900 0 100,000 64,000 293,000 172 1,400 655,000 1921 182,000 15,500 5,990 4,000 64,000 293,000 172 1,400 655,000 1922 321,000 29,900 36 30,000 15,000 338,000 126 1,220 647,000 1923 463,000 33,200 10 70,000 12,000 405,000 148 1,410 888,000 1924 469,000 33,200 10 70,000 12,000 405,000 148 1,410 888,000 1925 520,000 35,500 0 70,000 12,000 454,000 169 1,580 1,030,000 1925 550,000 35,500 0 70,000 12,000 454,000 169 1,580 1,030,000 1926 561,000 37,000 0 40,000 44,000 38,000 163 1,500 1,110,000 1929 567,000 43,000 249,000 44,000 454,000 169 1,580 1,030,000 1929 567,000 43,000 249 600 13,000 360,000 143 1,220 1,110,000 1933 279,000 47,000 249 600 13,000 360,000 360,000 144 1,630 1,200,000 1934 330,000 17,900 1,570 5,000 12,000 360,000 38,000 31,000 27,300 1,720 1,000 10,000 38,000 37,000 40,000 235,000 444,000 169 1,580 1,200,000 1933 279,000 47,000 28,000 48,000 38,000 37,000 38,000 37,000 38,000 37,000 38,000 37,000 38,000 37,000 38,000 37,000 38,000 37,000 38,000 37,000 38,000 37,000 38,000 37,000 38,000 37,000 38,000 37,000 38,000 37,000 38,000 37,000	1909	232,000	8,410	8,550	300		246,000	119	2,200	775,000
1912 307,000 23,600 9,720 7,000 309,000 152 2,600 971,000 1913 314,000 23,600 4,690 10,000 268,000 123 2,030 915,000 1914 320,000 18,700 177 70,000 272,000 112 1,830 755,000 1915 444,000 27,000 57 100,000 13,000 331,000 331 5,050 760,000 1916 606,000 26,000 15,300 16 200,000 49,000 375,000 196 2,500 901,000 1918 470,000 9,000 10 100,000 37,000 334,000 176 1,900 747,000 1918 470,000 19,400 0 100,000 37,000 334,000 176 1,900 747,000 1920 420,000 19,400 0 100,000 64,000 293,000 172 1,400 655,000 1921 182,000 19,400 0 100,000 64,000 293,000 172 1,400 655,000 1921 182,000 335,800 1 30,000 15,000 338,000 164 428,000 1922 321,000 299,900 36 30,000 15,000 338,000 164 945 428,000 1922 463,000 33,580 1 30,000 25,000 405,000 148 1,410 858,000 1924 469,000 37,000 37,000 30,000 407,000 148 1,410 858,000 1925 520,000 335,800 0 70,000 12,000 407,000 163 1,500 1,580 1,030,000 1926 561,000 37,000 0 40,000 44,000 505,000 163 1,500 1,110,000 1926 561,000 37,000 0 40,000 24,000 505,000 163 1,500 1,110,000 1928 547,000 44,100 0 20,000 44,000 568,000 133 1,270 1,270,000 1929 567,000 43,000 205 10,000 41,000 575,000 143 1,360 1,220,000 1930 452,000 13,000 255 4,000 150,000 336,000 80 80 857 904,000 1934 330,000 17,200 1,570 5,000 120,000 336,000 92 1,120 1,060,000 1934 330,000 17,200 1,570 5,000 120,000 386,000 182 1,300 1,200,000 1934 330,000 17,900 1,570 5,000 10,000 386,000 163 1,300 1,200,000 1935 382,000 26,000 44,000 58,000 380,000 555,000 144 1,630 1,470,000 1935 382,000 24,000 45,000 36,000 380,000 555,000 144 1,630 1,470,000 1934 460,000 445,000 36,0	1910	244,000	11,600	897	3,000		223,000	119	2,100	810,000
1913	1911	260,000	12,700	293	10,000		254,000	126		895,000
1914 320,000 18,700 177 70,000 272,000 112 1,830 795,000 1915 444,000 27,000 57 100,000 13,000 331,000 313 5,050 760,000 1916 606,000 26,100 19 100,000 16,000 417,000 300 4,480 882,000 1917 607,000 15,300 16 200,000 49,000 375,000 196 2,500 901,000 1918 470,000 9,000 10 100,000 37,000 334,000 176 1,900 747,000 1919 423,000 17,900 29 100,000 33,000 294,000 154 1,450 598,000 1920 420,000 19,400 0 100,000 64,000 293,000 172 1,400 655,000 1921 182,000 15,900 5,990 4,000 64,000 283,000 104 945 428,000 1922 321,000 29,900 36 30,000 15,000 338,000 126 1,220 647,000 1923 463,000 35,800 1 30,000 25,000 405,000 148 1,410 858,000 1924 469,000 32,200 10 70,000 19,000 407,000 139 1,320 910,000 1925 561,000 37,000 0 40,000 24,000 505,000 163 1,500 1,110,000 1927 538,000 38,800 35 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 40,000 138 1,290 1,110,000 1928 547,000 44,100 0 20,000 44,000 568,000 138 1,290 1,120,000 1928 547,000 44,100 0 20,000 44,000 568,000 138 1,290 1,120,000 1930 452,000 31,600 255 4,000 15,000 409,000 10 990 1,260,000 1933 13,400 249 600 130,000 336,000 80 857 904,000 1933 279,000 27,300 1,720 1,000 10,000 318,000 80 857 904,000 1933 279,000 27,300 1,720 1,000 10,000 318,000 80 857 904,000 1933 382,000 27,300 1,720 1,000 10,000 318,000 3	1912	307,000	23,600	9,720	7,000		309,000	152	2,600	971,000
1915	1913	314,000	23,600	4,690	10,000		268,000	123	2,030	915,000
1916 606,000 26,100 19 100,000 16,000 417,000 300 4,480 882,000 1917 607,000 15,300 16 200,000 49,000 375,000 196 2,500 901,000 1918 470,000 9,000 10 100,000 37,000 334,000 176 1,900 747,000 1919 423,000 17,900 29 100,000 33,000 294,000 154 1,450 598,000 1920 420,000 19,400 0 100,000 64,000 293,000 172 1,400 655,000 1921 182,000 15,500 5,990 4,000 64,000 185,000 104 945 428,000 1922 321,000 29,900 36 30,000 15,000 338,000 126 1,220 647,000 1923 463,000 35,800 1 30,000 25,000 405,000 148 1,410 858,000 1924 469,000 32,200 10 70,000 12,000 454,000 169 1,580 1,030,000 1925 520,000 335,500 0 70,000 12,000 454,000 169 1,580 1,030,000 1926 561,000 37,000 0 40,000 24,000 505,000 163 1,500 1,110,000 1928 547,000 44,100 0 20,000 44,000 568,000 133 1,270 1,270,000 1929 567,000 43,000 205 10,000 44,000 568,000 133 1,270 1,270,000 1930 452,000 31,600 225 4,000 150,000 440,000 575,000 143 1,360 1,320,000 1931 388,000 31,600 225 4,000 150,000 336,000 80 857 904,000 1931 250,000 31,600 225 4,000 150,000 336,000 80 857 904,000 1933 279,000 27,300 1,720 1,000 100,000 336,000 80 857 904,000 1933 279,000 27,300 1,720 1,000 100,000 336,000 80 857 904,000 1933 279,000 27,300 1,720 1,000 100,000 336,000 92 1,120 1,060,000 1938 405,000 28,000 43,000 26,000 44,000 580,000 131 1,320 1,330,000 1938 405,000 28,700 6,560 0 140,000 382,000 164 1,630 1,470,000 1938 405,000 44,000 38,000 36,000 38,000 38,000 38,000 38,000 38,000 38,000 38,000 38,000 38,000 38,000 38,000 44,000 38,000 38,000 38,000 38,000 38,000 38,000 38,000 38,000 38,000 38,000 38,000 38,000 38,000 3		320,000			70,000		272,000		1,830	
1917 607,000 15,300 16 200,000 49,000 375,000 196 2,500 901,000 1918 470,000 9,000 10 100,000 37,000 334,000 176 1,900 747,000 1919 423,000 17,900 29 100,000 33,000 294,000 154 1,450 598,000 1920 420,000 19,400 0 100,000 64,000 293,000 172 1,400 655,000 1921 182,000 15,900 5,990 4,000 64,000 185,000 104 945 428,000 1922 321,000 29,900 36 30,000 15,000 338,000 126 1,220 647,000 1922 321,000 32,800 1 30,000 25,000 405,000 148 1,410 858,000 1924 469,000 32,200 10 70,000 19,000 407,000 139 1,320 910,000 1925 520,000 35,500 0 70,000 12,000 407,000 139 1,320 910,000 1925 550,000 33,800 35,500 0 70,000 12,000 468,000 138 1,290 1,100,000 1927 538,000 33,800 35 40,000 49,000 468,000 138 1,290 1,190,000 1928 547,000 441,00 0 20,000 44,000 568,000 133 1,270 1,270,000 1930 452,000 31,600 255 4,000 150,000 409,000 101 990 1,260,000 1931 265,000 19,600 249 600 130,000 336,000 80 857 904,000 1933 279,000 27,300 1,720 1,000 100,000 336,000 80 857 904,000 1933 279,000 27,300 1,720 1,000 100,000 338,000 80 857 904,000 1933 279,000 27,300 1,720 1,000 100,000 336,000 80 857 904,000 1933 279,000 27,300 1,720 1,000 100,000 338,000 80 857 904,000 1933 279,000 27,300 1,720 1,000 100,000 338,000 80 857 904,000 1934 330,000 17,900 1,570 5,000 120,000 326,000 92 1,120 1,060,000 1933 279,000 27,300 1,720 1,000 100,000 338,000 102 1,180 1,000 103,000 344,000 546,000 34,000 553,000 64 762 709,000 1934 330,000 17,900 1,570 5,000 120,000 326,000 92 1,120 1,060,000 1935 382,000 27,300 1,720 1,000 100,000 338,000 100 1,180 1,420,000 1936 446,000 383,000 17,000 380,0		444,000	27,000		100,000	13,000	331,000		5,050	
1918		· ·				,				
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ZINC STATISTICS

By Carl A. DiFrancesco and Jozef Plachy

[All values in metric tons (t) unless otherwise noted]

Last modification: February 3, 2004

	Primary	Secondary				Apparent	Unit value	Unit value	World
Year	production	production	Imports	Exports	Stocks	consumption	(\$/t)	(98\$/t)	production
1952	821,000	50,000	103,000	50,000	160,000	774,000	357	2,190	2,230,000
1953	831,000	48,000	207,000	20,000	240,000	894,000	239	1,460	2,360,000
1954	728,000	61,700	145,000	20,000	210,000	802,000	236	1,430	1,880,000
1955	874,000	59,900	177,000	20,000	150,000	1,020,000	271	1,650	2,660,000
1956	892,000	65,400	222,000	8,000	160,000	915,000	297	1,780	2,810,000
1957	894,000	65,800	244,000	10,000	220,000	849,000	251	1,460	2,900,000
1958	709,000	42,300	168,000	2,000	250,000	788,000	227	1,280	2,730,000
1959	725,000	52,500	149,000	10,000	240,000	867,000	253	1,410	2,740,000
1960	725,000	62,400	110,000	70,000	230,000	796,000	286	1,570	2,790,000
1961	768,000	50,100	114,000	50,000	220,000	845,000	255	1,390	3,250,000
1962	798,000	53,400	123,000	30,000	200,000	936,000	256	1,380	3,410,000
1963	810,000	54,700	120,000	30,000	130,000	1,000,000	265	1,410	3,490,000
1964	866,000	65,000	122,000	20,000	130,000	1,100,000	299	1,570	3,690,000
1965	902,000	75,900	140,000	5,000	160,000	1,230,000	320	1,660	3,950,000
1966	930,000	75,500	254,000	1,000	180,000	1,290,000	320	1,610	4,080,000
1967	852,000	66,700	201,000	20,000	170,000	1,130,000	305	1,490	4,130,000
1968	926,000	72,500	276,000	30,000	150,000	1,230,000	298	1,400	4,630,000
1969	944,000	64,000	295,000	8,000	150,000	1,260,000	323	1,430	4,970,000
1970	796,000	70,000	236,000	300	200,000	1,080,000	338	1,420	4,830,000
1971	695,000	73,400	294,000	10,000	130,000	1,140,000	356	1,430	4,740,000
1972	574,000	66,900	469,000	9,000	140,000	1,290,000	391	1,520	5,130,000
1973	529,000	75,500	536,000	10,000	130,000	1,360,000	456	1,670	5,330,000
1974	504,000	71,200	493,000	20,000	230,000	1,170,000	793	2,620	5,610,000
1975	397,000	52,500	340,000	6,000	170,000	839,000	859	2,600	5,010,000
1976	453,000	62,200	631,000	3,000	200,000	1,030,000	816	2,340	5,610,000
1977	408,000	45,900	504,000	200	170,000	1,000,000	758	2,040	5,810,000
1978	407,000	34,800	622,000	700	140,000	1,050,000	683	1,710	5,880,000
1979	472,000	53,200	524,000	300	150,000	1,000,000	822	1,850	6,260,000
1980	340,000	29,400	410,000	300	130,000	811,000	825	1,630	6,050,000
1981	347,000	50,200	612,000	300	200,000	841,000	983	1,760	6,080,000
1982	228,000	74,300	456,000	300	160,000	795,000	848	1,430	5,890,000
1983	236,000	69,400	618,000	400	150,000	933,000	913	1,490	6,250,000
1984	253,000	78,100	639,000	800	140,000	980,000	1,070	1,680	6,530,000
1985	261,000	72,600	611,000	1,000	120,000	961,000	890	1,350	6,790,000
1986	253,000	62,900	665,000	2,000	100,000	999,000	838	1,250	6,690,000
1987	261,000	83,000	706,000	1,000	96,000	1,050,000	924	1,330	7,020,000
1988	241,000	88,000	749,000	500	86,000	1,090,000	1,330	1,830	7,160,000
1989	260,000	98,000	712,000	6,000	91,000	1,060,000	1,810	2,380	7,240,000
1990	263,000	96,000	632,000	1,000	87,000	991,000	1,640	2,050	7,180,000
1991	253,000	122,000	549,000	1,000	79,000	933,000	1,160	1,390	7,310,000
1992	272,000	128,000	644,000	1,000	82,000	1,040,000	1,290	1,500	7,260,000
1993	240,000	141,000	724,000	1,000	91,000	1,050,000	1,020	1,150	7,360,000
1994	217,000	139,000	793,000	6,000	80,000	1,180,000	1,090	1,200	7,330,000
1995	232,000	131,000	856,000	3,000	78,000	1,230,000	1,230	1,320	7,280,000
1996	226,000	140,000	827,000	2,000	76,000	1,210,000	1,130	1,170	7,480,000
1997	226,000	140,000	876,000	4,000	88,000	1,260,000	1,420	1,440	7,530,000
1998	234,000	134,000	879,000	2,000	68,000	1,290,000	1,130	1,130	7,570,000
1999	241,000	131,000	966,000	2,000	84,000	1,340,000	1,180	1,150	7,970,000
2000	228,000	143,000	915,000	3,000	77,000	1,330,000	1,230	1,160	8,790,000
2001	203,000	108,000	813,000	1,180	74,700	1,150,000	969	892	8,930,000
2002	182,000	113,000	874,000	1,160	77,600	1,170,000	852	772	8,360,000

Zinc Worksheet Notes

Data Sources

The sources of data for the zinc worksheet are the mineral statistics publications of the U.S. Bureau of Mines and the U.S. Geological Survey (USGS)— Minerals Yearbook (MYB) and its predecessor, Mineral Resources of the United States (MR); Mineral Commodity Summaries (MCS); Statistical Compendium (SC); and USBM Open-File Report 72-92 (Jolly, 1992) (OFR 72-92). The years of publication and corresponding years of data coverage are listed in the References section below. Blank cells in the worksheet indicate that data were not available.

Primary Production

Primary U.S. zinc production data report the amount of refined zinc in slab form. Data were from the SC for the years 1900–83, 1985–86, and 1988–90, the MCS for the years 1991–97 and 1999–2002, (OFR 72-92) for the years 1984 and 1987, and the MYB for the year 1998.

Secondary Production

Secondary production includes secondary from old scrap (scrap including—but not limited to—metal articles that have been discarded after serving a useful purpose). Data were from the SC for 1907–34, 1935–40, 1941–87, and 1989–90, the MCS for the years 1991–95, 1997, and 1999–2002, (OFR 72-92) for 1988, and the MYB for the years 1996 and 1998. Blank cells in the worksheet indicate that data were not available for the years 1900–06.

Imports

Import data report the amounts of slab zinc imported into the United States in various shapes and forms. Import data exclude all manufactured zinc products. Data were from the SC for the years 1900–01, 1903–09, 1911–53, 1955–61, 1963–76, and 1978–90, the MCS for 1992–97 and 1999–2002, (OFR 72-92) for the years 1902, 1910, 1954, 1962, and 1977 and the MYB for the years 1991 and 1998.

Exports

Export data report the amounts of slab zinc exported from the United States in various shapes and forms. Export data exclude all manufactured zinc products. Data were from the SC for the years 1900–02, 1904–09, 1911–65, 1967–70, 1972–78, and 1980–90, the MCS for the years 1992–2002, and (OFR 72-92) for the years 1903, 1910, 1966, 1971, and 1979 and the MYB for the year 1991.

Stocks

Stocks are the sum of available data on industry and consumer stocks. Blank cells in the worksheet indicate that data were not available for the years 1900–14. Data were from the SC for the years 1928–39, 1941–44, 1946–58, 1961–72, 1974–78, 1980–83, and 1985–86, MYB for the years 1915–27, 1940, 1945, 1959–60, 1973, 1979, 1984, and 1987–98, and the MCS for the years 1999–2002.

Apparent Consumption

U.S. apparent consumption of slab zinc came from the SC, which lists U.S. reported consumption of slab zinc for the years 1900–17, 1919–45, 1947–82 and U.S. apparent consumption of slab zinc for the years 1984–87, and 1989; for the years 1991 and 1994–97, and 1999-2002, data came from the MCS. Data for the years 1918, 1946, 1983, 1988, and 1990 were taken from the (OFR 72-92), and the years 1992–93 and 1998 were from the MYB.

Unit Value (\$/t)

Unit value is the value in dollars of 1 metric ton (t) of zinc apparent consumption. Unit value (\$/t) was estimated from a price series in the SC for the period 1900–90, from U.S. prices for slab zinc from the MCS for the period 1991–93, 1995–96, 1999–2002, and MYB for 1994 and 1997–98.

Unit Value (98\$/t)

The Consumer Price Index conversion factor, with 1998 as the base year, is used to adjust unit value in current U.S. dollars to the unit value in constant 1998 U.S. dollars.

World Production

World production data were for zinc content of mine and mill production. Data were from the MYB and MR.

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